

# **Weekly Weather Update**

**If you can't access audio  
through GoToWebinar...**

**Dial 1-888-623-9008**

**access code 167623388**

**National Weather Service - Norman, OK**



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# **Weekly Weather Update**

## **Monday October 10, 2022**



**National Weather Service - Norman, OK**



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# Weather Message



- **Scattered showers/storms today**
  - *Mainly western-third of Oklahoma*
- **Elevated fire weather Tue, Wed, Fri.**
  - *Breezy and low RH northwest*
- **Another Cold Front Saturday/Sunday**
  - *Cooler temperatures return*



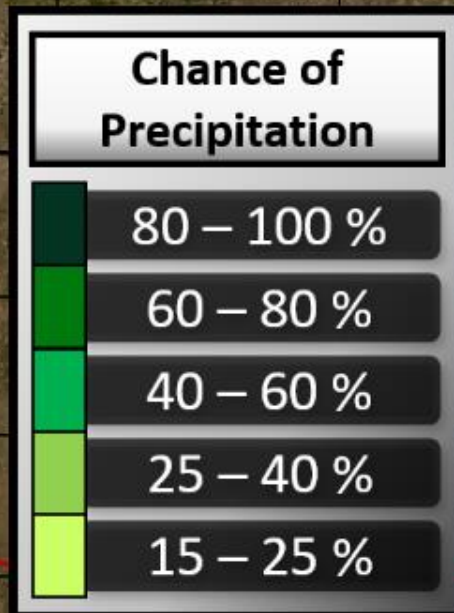
# Rain Chances For Monday

Multiple Waves of Precipitation moving southwest to northeast.

Weather Forecast Office

Norman, OK

Issued Oct 10, 2022 8:45 AM CDT



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



# Heavy Rainfall Potential This Afternoon/Overnight

Weather Forecast Office

Norman, OK

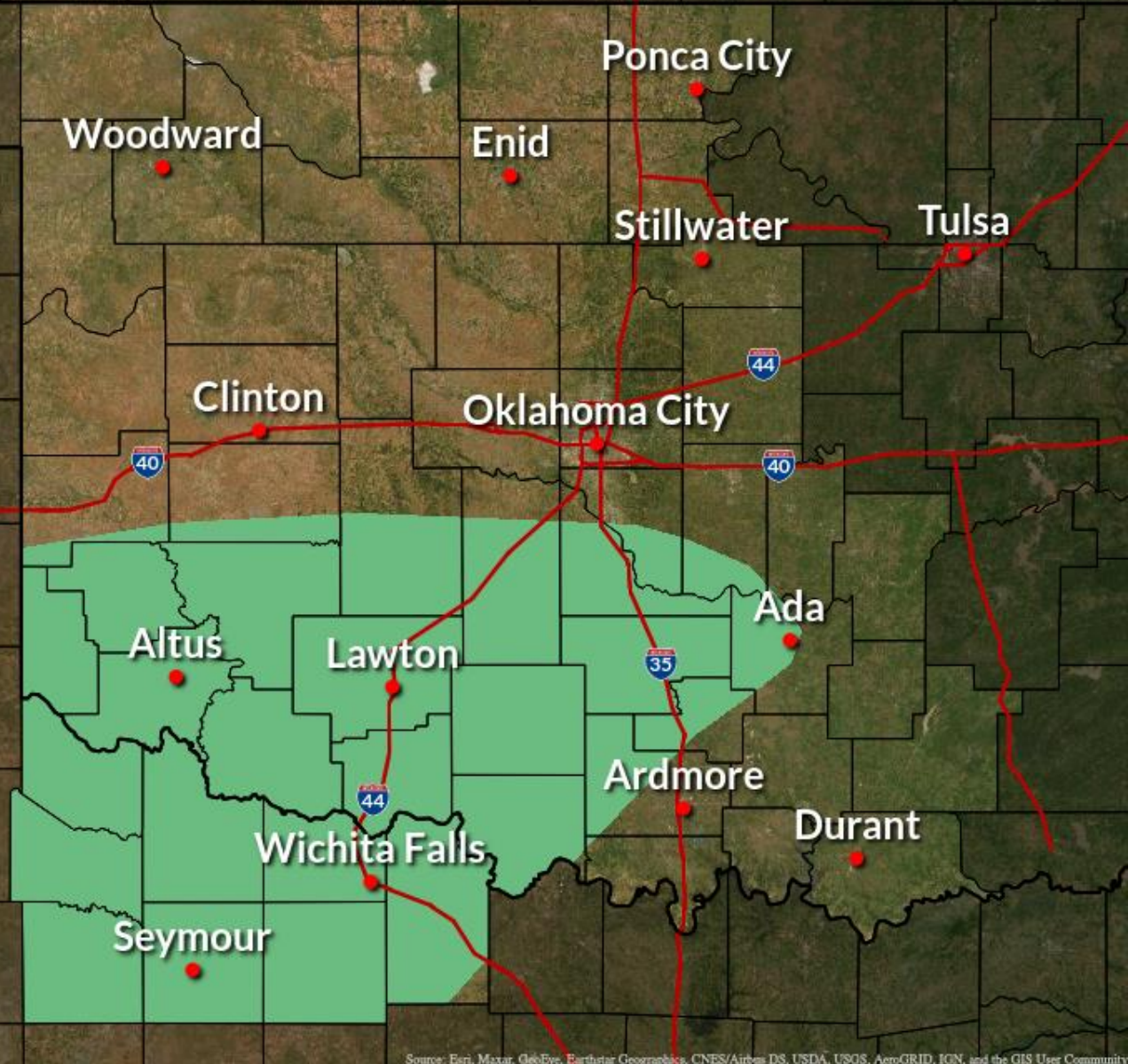


Timing: 3 PM to 3 AM Tuesday morning

Issued Oct 10, 2022 4:34 AM CDT

**Flash Flood Risk**

	High
	Moderate
	Slight
	Marginal



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



# Tuesday Severe Thunderstorm Potential

Timing: 4 PM to 10 PM

Weather Forecast Office

Norman, OK

Issued Oct 10, 2022 4:25 AM CDT



## Tornado Potential

High

Medium

Low

Very Low

## Maximum Hail Size

Up to Softball

Up to Baseball

Up to Golf Ball

Up to Quarter

## Maximum Wind Speed

80+ mph

60 – 80 mph

Up to 60 mph

## Severe Risk

High

Moderate

Enhanced

Slight

Marginal



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Fire Weather Outlook

Weather Forecast Office

Norman, OK



Oklahoma, north Texas area - next 7 days

Issued Oct 10, 2022 6:50 AM CDT

	Mon 10	Tue 11	Wed 12	Thu 13	Fri 14	Sat 15	Sun 16
Red Flag	None	None	None	None	None	None	None
	Low	Elevated	Elevated	Low	Elevated	Low	Low
Main area(s)		Northwest Oklahoma	Northwest Oklahoma		North central and central OK		
High Temperatures (°F)	75-85	80-85	75-90	70-85	80-85	80-85	70-80
Minimum RH (%)	40-65	30-55	15-40	18-25	19-25	25-40	25-45
Avg. Winds (mph)	S 10-15	S 20-25	N 15-25	N→Var 10-15	SW 15-20	S 15-20	N 15-20
Max. Gusts (mph)	25	35	35		25	25	25

**NOTE:** These categories represent the worst conditions expected each day.

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[weather.gov/norman](https://weather.gov/norman)



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# Drought Monitor



## U.S. Drought Monitor Norman, OK WFO

**October 4, 2022**

(Released Thursday, Oct. 6, 2022)

Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	100.00	96.02	60.27	13.16
<b>Last Week</b> 09-27-2022	0.00	100.00	96.05	82.03	52.64	13.16
<b>3 Months Ago</b> 07-05-2022	31.84	68.16	47.51	17.33	3.65	0.00
<b>Start of Calendar Year</b> 01-04-2022	0.00	100.00	100.00	92.15	52.12	0.00
<b>Start of Water Year</b> 09-27-2022	0.00	100.00	96.05	82.03	52.64	13.16
<b>One Year Ago</b> 10-05-2021	4.23	95.77	64.54	17.02	0.56	0.00

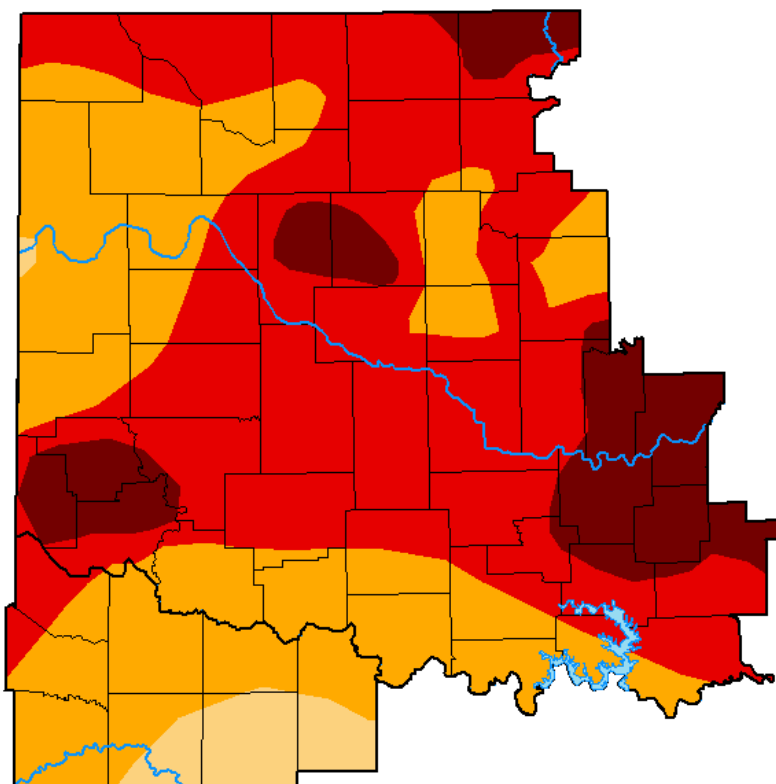
### Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

### Author:

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CPC/NOAA



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

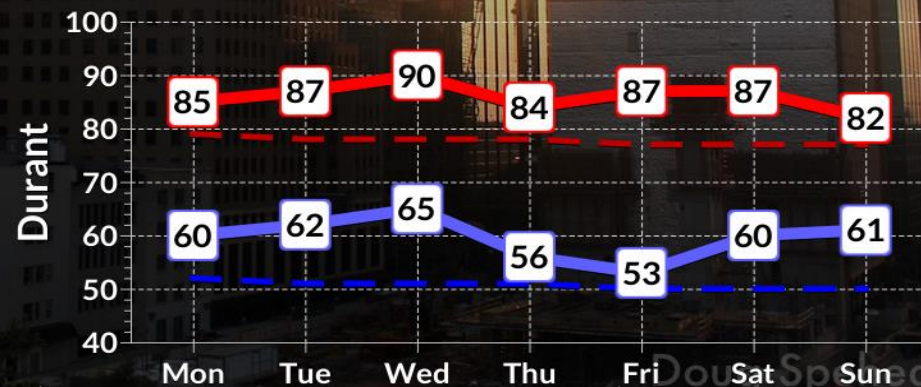
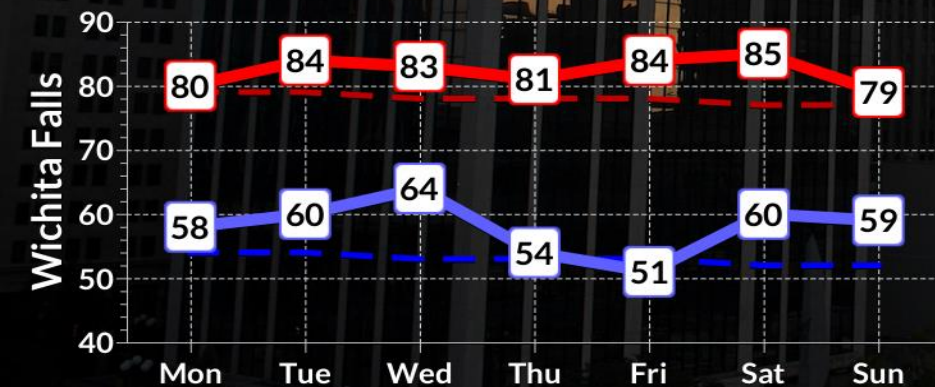
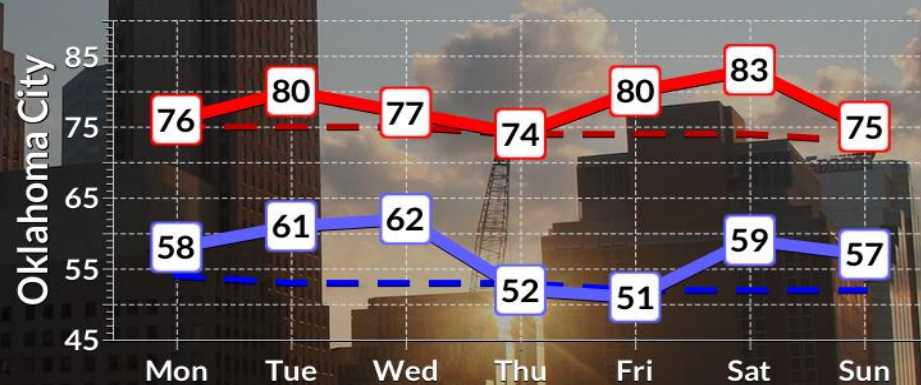
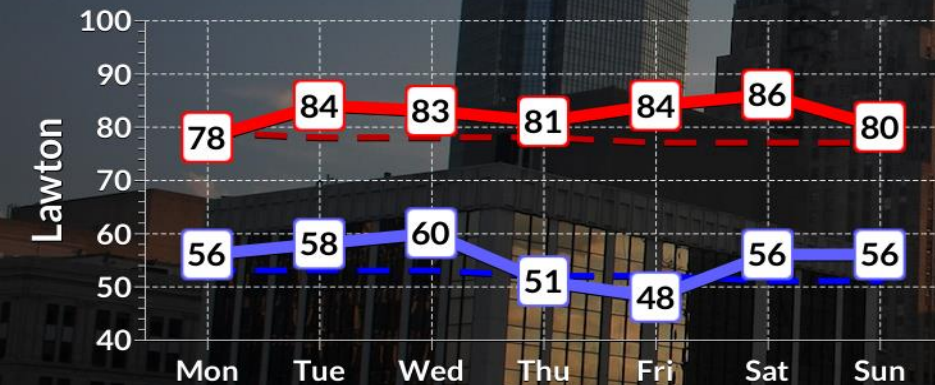
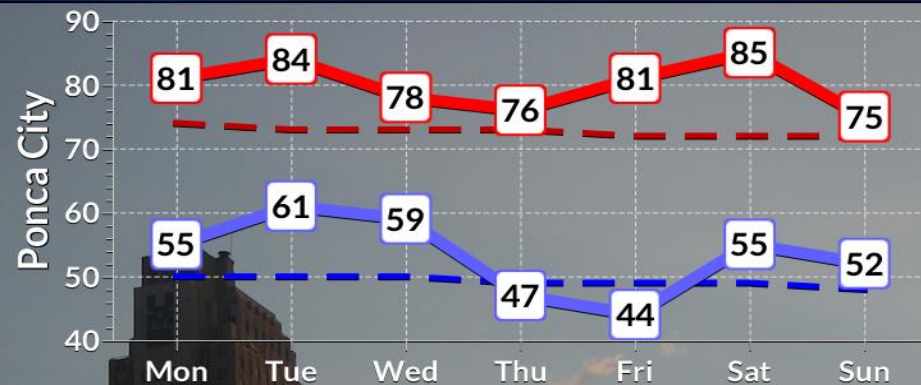
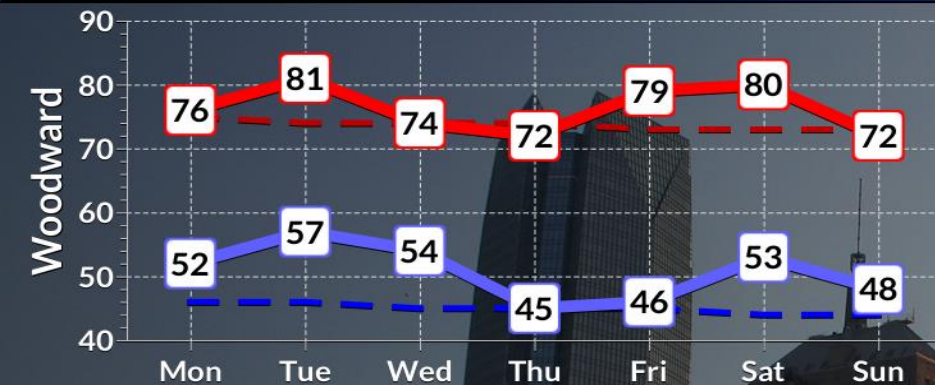


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# Forecast Daily Temperature Ranges

Weather Forecast Office  
Norman, OK  
Issued Oct 10, 2022 4:20 AM CDT



Dashed lines represent the daily averages

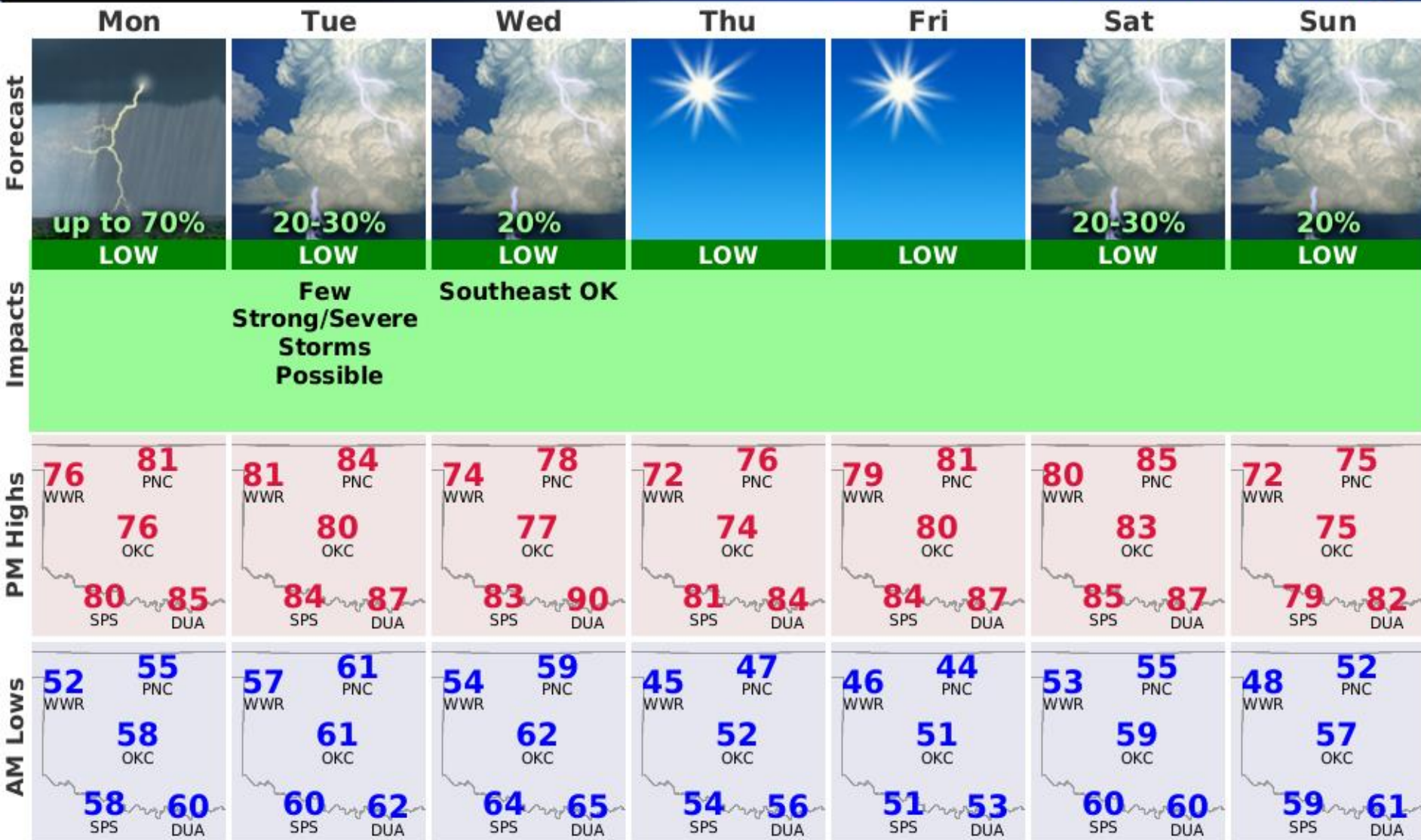




# Next Seven Days

Weather Forecast Office

Norman, OK

Issued Oct 10, 2022 4:24 AM CDT



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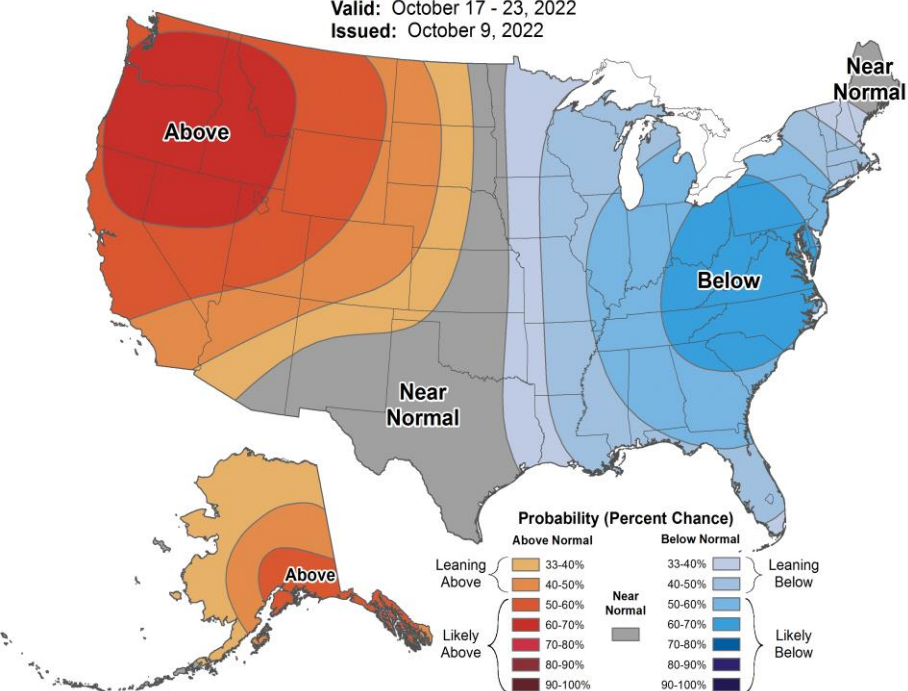
# 8-14 Day Forecast

## October 17<sup>th</sup> – 23<sup>rd</sup> 2022



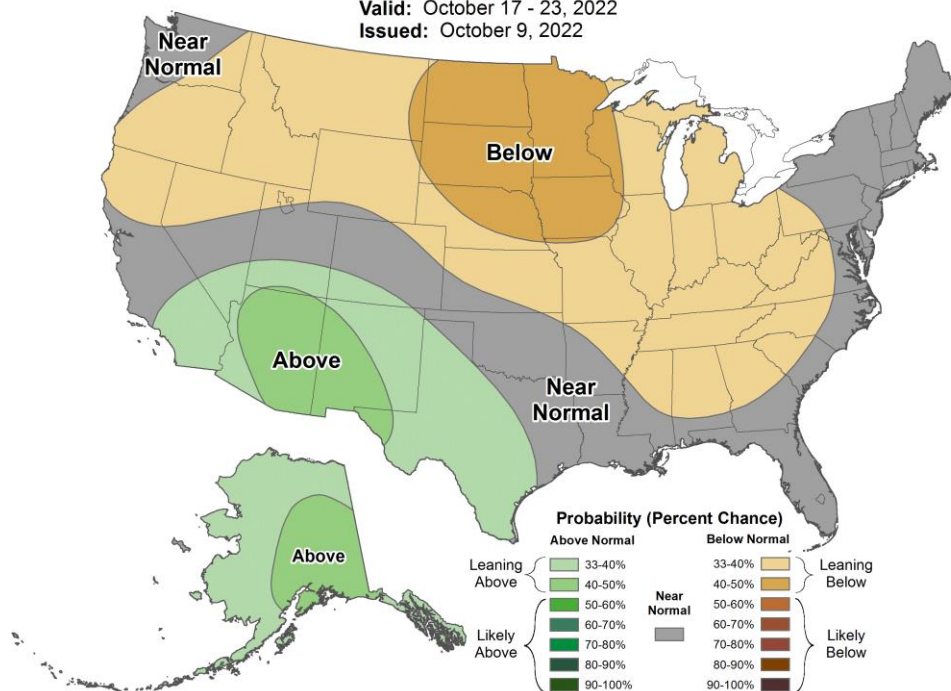
### 8-14 Day Temperature Outlook

Valid: October 17 - 23, 2022  
Issued: October 9, 2022



### 8-14 Day Precipitation Outlook

Valid: October 17 - 23, 2022  
Issued: October 9, 2022



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# In other news...



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## NATIONAL WEATHER FESTIVAL

**Saturday, October 29th from 10am-2pm**  
**at the National Weather Center**

KIDS ACTIVITIES | FOOD TRUCKS | GIVEAWAYS | LOCAL NEWS STATIONS | WEATHER BALLOON LAUNCHES



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# In other news...

## NWSChat Refresher Webinar Wed Oct 12 at 1:00 PM

(5/4/2020 6:55:46 AM) nwsbot: OUN issues [Hazardous Weather Outlook \(HWO\)](#)  
(5/4/2020 6:55:46 AM) nwsbot: OUN issues [Hazardous Weather Outlook \(HWO\)](#)  
(5/4/2020 7:43:39 AM) nwsbot: The Storm Prediction Center issues [Day 1 Convective Enhanced Risk](#)  
(5/4/2020 8:26:41 AM) nwsbot: OUN issues [Free Text Message \(FTM\)](#) for radar site FDR  
(5/4/2020 9:06:40 AM) nwsbot: OUN issues [Free Text Message \(FTM\)](#) for radar site VNX  
(5/4/2020 9:31:19 AM) nwsoun-kevin.brown: [An 18Z raob will be conducted today.](#)  
(5/4/2020 10:05:39 AM) EM-Stillwater-Rob Hill: ping  
(5/4/2020 10:05:39 AM) nwsbot: EM-Stillwater-Rob Hill: pong  
(5/4/2020 10:18:53 AM) nwsoun-kevin.brown: [We have coordinated with SPC and will push the special raob to 19Z](#)  
(5/4/2020 11:27:42 AM) nwsbot: The Storm Prediction Center issues [Day 1 Convective Enhanced Risk](#)  
(5/4/2020 11:42:52 AM) nwsbot: OUN issues [Area Forecast Discussion \(AFD\)](#) ... NEW UPDATE ...  
(5/4/2020 12:01:21 PM) nwsbot: OUN issues [Hazardous Weather Outlook \(HWO\)](#)  
(5/4/2020 12:37:12 PM) nwsbot: OUN issues [Area Forecast Discussion \(AFD\)](#) ... NEW AVIATION ...  
(5/4/2020 2:31:40 PM) nwsbot: The Storm Prediction Center issues [Day 1 Convective Enhanced Risk](#)  
(5/4/2020 2:32:05 PM) nwsbot: Storm Prediction Center issues [TORNADO watch](#) till 03:00 UTC  
(5/4/2020 2:33:40 PM) nwsbot: OUN issues [Tornado Watch](#) for Coal, Hughes, Pontotoc, Seminole [OK] till 10:00 PM CDT  
(5/4/2020 2:43:28 PM) nws-todd.lindley: [Mesoscale Update:](#) A surface front bisects the area from southwest to northeast, extending from a surface low in the vicinity of Osage County back to Hobart. 19z sounding shows a sharp capping inversion around 850 mb, that will require a notable amount of ascent/cooling to break locally. Deepening cu along front and CAMs show convective initiation by the next 1-2 hrs over northeastern OK which will have the potential to backbuild into central/southeastern OK through late afternoon/evening. Trends in guidance suggest the most likely areas to be impacted by storms may approach, but likely remain just east/southeast of the OKC metro by 7pm, and eventually expanding southwestward along the boundary toward south-central OK between 7-9 pm.  
(2:56:12 PM) EM-OKStateEOC-Zach.Stanford: OK State EOC Monitoring  
(3:10:41 PM) nwsoun-Vivek.Mahale: Using both TDWR and KTLX radars, we can see the cold front is moving through the north side of the OKC metro from El Reno to Edmond to Perkins.  
(3:12:57 PM) nwsbot: OUN issues [Area Forecast Discussion \(AFD\)](#) ... NEW SHORT TERM, LONG TERM ...  
(3:13:24 PM) nws-todd.lindley: [The experimental high-res CAMs \(WoFS\) are showing a signal for convective initiation over/very near the metro in the next 1-2 hours. Observations show the front is pushing south faster than the models show, and they likely do not resolve the capping inversion well. This seems to be a low probability outcome but we will monitor.](#)  
(3:20:26 PM) nwsoun-kevin.brown [nws-kevin.brown@nwschat.weather.gov/NWSChatLive\_129.15.64.226\_202000] entered the room.  
(3:22:21 PM) nwsoun-kevin.brown left the room.  
(3:33:49 PM) nwsoun-kevin.brown [nws-kevin.brown@nwschat.weather.gov/NWSChatLive\_129.15.64.226\_202000] entered the room.  
(3:35:06 PM) nws-todd.lindley: [Mesoscale Update:](#) Local radars/mesonet show apparent boundary intersection over Edmund at this time. The WoFS shows a 30-50% probability of initiation near the intersection of these features (dryline and pre-frontal trough/front) in ~1-1.5 hrs near or immediately east of the metro. In reality, the prospects may be lower given stronger than expected cap per 19z sounding at OUN. Will continue to monitor.  
(3:44:24 PM) nwsoun-doug.speheger [nws-doug.speheger@nwschat.weather.gov/Office] entered the room.  
(3:47:06 PM) nwsbot: Storm Prediction Center issues [Mesoscale Discussion #534](#) [watch probability: 40%] ([View](#))

## NWSChat at NWS Norman Fall 2022 Update and Refresher



Rick Smith  
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<https://attendee.gotowebinar.com/register/7141934279500601359>



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Information provided by:  
**National Weather Service Forecast Office**  
**Norman, OK**



Phone: **405-325-3816**  
E-mail: [sr-oun.weather@noaa.gov](mailto:sr-oun.weather@noaa.gov)  
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